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\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 DEC 01 ChemPort single article sales feature unavailable  
NEWS 3 FEB 02 Simultaneous left and right truncation (SLART) added  
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE  
NEWS 4 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING  
NEWS 5 FEB 06 Patent sequence location (PSL) data added to USGENE  
NEWS 6 FEB 10 COMPENDEX reloaded and enhanced  
NEWS 7 FEB 11 WTEXTILES reloaded and enhanced  
NEWS 8 FEB 19 New patent-examiner citations in 300,000 CA/Caplus  
patent records provide insights into related prior  
art  
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terms from the IPC Thesaurus, Version 2009.01  
NEWS 10 FEB 23 Several formats for image display and print options  
discontinued in USPATFULL and USPAT2  
NEWS 11 FEB 23 MEDLINE now offers more precise author group fields  
and 2009 MeSH terms  
NEWS 12 FEB 23 TOXCENTER updates mirror those of MEDLINE - more  
precise author group fields and 2009 MeSH terms  
NEWS 13 FEB 23 Three million new patent records blast AEROSPACE into  
STN patent clusters  
NEWS 14 FEB 25 USGENE enhanced with patent family and legal status  
display data from INPADOCDB  
NEWS 15 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display  
formats  
NEWS 16 MAR 11 EPFULL backfile enhanced with additional full-text  
applications and grants  
NEWS 17 MAR 11 ESBIOBASE reloaded and enhanced  
NEWS 18 MAR 20 CAS databases on STN enhanced with new super role  
for nanomaterial substances  
NEWS 19 MAR 23 CA/Caplus enhanced with more than 250,000 patent  
equivalents from China  
NEWS 20 MAR 30 IMPATENTS reloaded and enhanced  
NEWS 21 APR 03 CAS coverage of exemplified prophetic substances  
enhanced  
NEWS 22 APR 07 STN is raising the limits on saved answers  
NEWS 23 APR 24 CA/Caplus now has more comprehensive patent assignee  
information  
NEWS 24 APR 26 USPATFULL and USPAT2 enhanced with patent  
assignment/reassignment information  
NEWS 25 APR 28 CAS patent authority coverage expanded  
NEWS 26 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced  
NEWS 27 APR 28 Limits doubled for structure searching in CAS

REGISTRY

NEWS 28 MAY 08 STN Express, Version 8.4, now available  
NEWS 29 MAY 11 STN on the Web enhanced  
NEWS 30 MAY 11 BEILSTEIN substance information now available on  
STN Easy  
NEWS 31 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased  
limits for exact sequence match searches and  
introduction of free HIT display format\_  
NEWS 32 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal  
status data

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:57:57 ON 19 MAY 2009

=> FILE CASREACT  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.22	0.22

FULL ESTIMATED COST

FILE 'CASREACT' ENTERED AT 13:58:19 ON 19 MAY 2009  
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FILE CONTENT:1840 - 16 May 2009 VOL 150 ISS 21

New CAS Information Use Policies, enter HELP USAGETERMS for details.

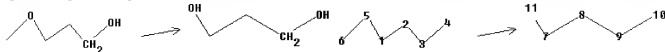
```
*****  
*                                     *  
*  CASREACT now has more than 16.5 million reactions  *  
*                                     *  
*****
```

CASREACT contains reactions from CAS and from: ZIC/VINITI database (1974-1999) provided by InfoChem; INPI data prior to 1986; Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich; organic reactions, portions copyright 1996-2006 John Wiley & Sons, Ltd., John Wiley and Sons, Inc., Organic Reactions Inc., and Organic Syntheses Inc. Reproduced under license. All Rights Reserved.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

Uploading C:\Program Files\STNEXP\Queries\Series 10\10 588085\STN 10 588085 051909AA.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

1-2 1-5 2-3 3-4 5-6 7-8 7-11 8-9 9-10

exact/norm bonds :

1-5 5-6 7-11

exact bonds :

1-2 2-3 3-4 7-8 8-9 9-10

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

10:CLASS 11:CLASS

fragments assigned product role:

containing 7

fragments assigned reactant/reagent role:

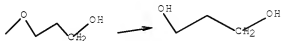
containing 1

L1 STRUCTURE UPLOADED

=> D

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1 SSS SAMP

SAMPLE SEARCH INITIATED 13:58:53 FILE 'CASREACT'

SCREENING COMPLETE - 32166 REACTIONS TO VERIFY FROM 2081 DOCUMENTS

15.5% DONE 5000 VERIFIED 53 HIT RXNS

7 DOCS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.08

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED VERIFICATIONS: 632758 TO 653882

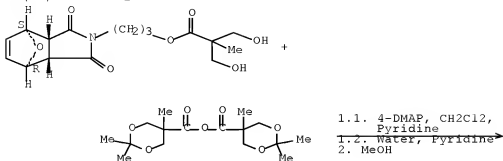
PROJECTED ANSWERS: 817 TO 1783

L2 7 SEA SSS SAM L1 ( 53 REACTIONS)

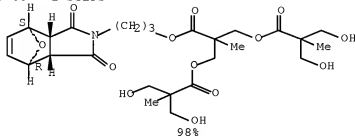
=> D L2

L2 ANSWER 1 OF 7 CASREACT COPYRIGHT 2009 ACS on STN

RX(23) OF 60 - 2 STEPS



RX(23) OF 60 - 2 STEPS



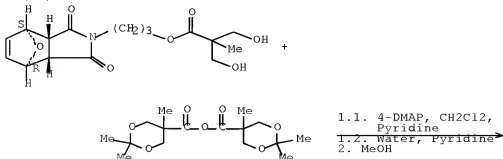
REF: Organic Letters, 10(12), 2353-2356; 2008  
 NOTE: 21 acidic Dowex resin used  
 CON: STEP(1.1) 12 hours, room temperature  
 STEP(1.2) 12 hours, room temperature  
 STEP(2) room temperature

=> D SCAN

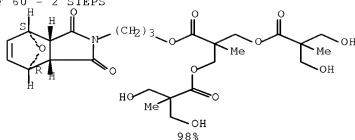
L2 7 ANSWERS CASREACT COPYRIGHT 2009 ACS on STN

TI Segment Block Dendrimers via Diels-Alder Cycloaddition

RX(23) OF 60 - 2 STEPS



RX(23) OF 60 - 2 STEPS



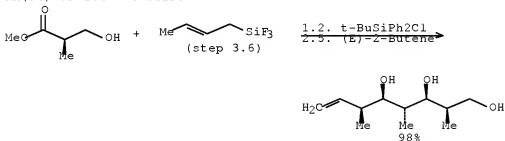
NOTE: 2) acidic Dowex resin used

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 7 ANSWERS CASREACT COPYRIGHT 2009 ACS on STN

TI Modular Synthesis of the C9-C27 Degradation Product of Aflastatin A via Alkyne-Epoxyde Cross-Couplings

RX(54) OF 264 - 4 STEPS



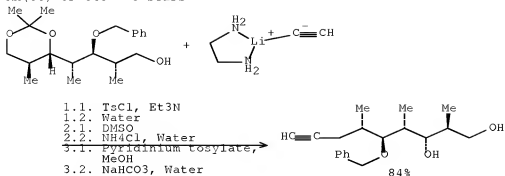
NOTE: 2) 1-4 stages in situ generated reactant which was added 7th stage, phosphate buffer used in second stage, regioselective, safety (caution: exothermic reaction), stereoselective, 3) molecular sieves used in fifth stage, regioselective, stereoselective

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 7 ANSWERS CASREACT COPYRIGHT 2009 ACS on STN

TI Stereoconvergent synthesis of C1-C17 and C18-C25 fragments of bafilomycin A1

RX(66) OF 345 - 3 STEPS



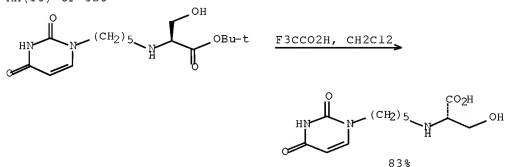
NOTE: 2) chemoselective

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 7 ANSWERS CASREACT COPYRIGHT 2009 ACS on STN

TI Towards new MraY inhibitors: a serine template for uracil and 5-amino-5-deoxyribose scaffolding

RX(18) OF 320

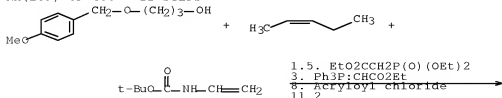


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 7 ANSWERS CASREACT COPYRIGHT 2009 ACS on STN

TI Asymmetric Total Synthesis of (+)-Phoslactomycin B

RX(239) OF 458 - 11 STEPS



RX(239) OF 458 - 11 STEPS

The chemical structure shows a 2,4-dihydroxy-5-ethoxy-2-methyl-6-oxo-1,4-dihydropyridine ring system. The ring is substituted with an ethyl group (Et) at the 5-position and a methyl group at the 2-position. The 2-position is also substituted with a 2-hydroxy-3-(2-hydroxy-3-(2-allyloxycarbonylamino)propyl)propyl group. The structure is labeled with '98%' below the ring.

CC1=C(C)NC(=O)C=C1C(=O)OCC2C(C)C(O)C(C)C(O)C(C)CNC(=O)OCC=C

NOTE: 1) Swern oxidation then Horner-Wadsworth-Emmons reaction, in the dark, stage 2, stereoselective, 2) in the dark stage 3, 3) Wittig reaction, stereoselective, 4) in the dark, 4) in the dark, 5) Swern oxidation, in the dark, 6) stereoselective, in the dark, 7) in the dark, Suzuki coupling, 10) stereoselective, regioselective

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 7 ANSWERS CASREACT COPYRIGHT 2009 ACS on STN

TI Synthesis, pharmacokinetics, and metabolism of the C-terminal tripeptide of dermorphin and its diastereomer

CCOC(=O)C[C@H](O)NC(=O)N1CCCC1C(=O)N[C@@H](Cc2ccc(cc2)OC(=O)C(C)(C)C)C(=O)N[C@@H](C)C(=O)OC(C)(C)C
 $\xrightarrow{\text{NH}_3, \text{MeOH}}$ 
CCOC(=O)C[C@H](O)NC(=O)N1CCCC1C(=O)N[C@@H](Cc2ccc(cc2)OC(=O)C(C)(C)C)C(=O)N[C@@H](C)C(=O)OC(C)(C)C
  
 98%

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 7 ANSWERS CASREACT COPYRIGHT 2009 ACS on STN

\_TI Biodegradable pH-Sensing Dendritic Nanoprobes for Near-Infrared Fluorescence Lifetime and Intensity Imaging

RX(5) OF 10 - REACTION DIAGRAM NOT AVAILABLE

ALL ANSWERS HAVE BEEN SCANNED



=> D HIS

(FILE 'HOME' ENTERED AT 13:57:57 ON 19 MAY 2009)

FILE 'CASREACT' ENTERED AT 13:58:19 ON 19 MAY 2009

L1 STRUCTURE UPLOADED

L2 7 S L1 SSS SAMP

=> FILE STINGUIDE  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
8.34	8.56

FULL ESTIMATED COST

FILE 'STINGUIDE' ENTERED AT 14:04:58 ON 19 MAY 2009  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: May 15, 2009 (20090515/UP).

=> FILE CASREACT  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.35	8.91

FULL ESTIMATED COST

FILE 'CASREACT' ENTERED AT 14:08:15 ON 19 MAY 2009  
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FILE CONTENT:1840 - 16 May 2009 VOL 150 ISS 21

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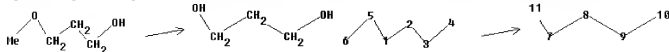
\*\*\*\*\*  
\* \* \*  
\* CASREACT now has more than 16.5 million reactions \*  
\* \* \*  
\*\*\*\*\*

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

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chain nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

1-2 1-5 2-3 3-4 5-6 7-8 7-11 8-9 9-10

exact bonds :

1-2 1-5 2-3 3-4 5-6 7-8 7-11 8-9 9-10

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

10:CLASS 11:CLASS

fragments assigned product role:

containing 7

fragments assigned reactant/reagent role:

containing 1

L3 STRUCTURE UPLOADED

=> D

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L3

SAMPLE SEARCH INITIATED 14:08:56 FILE 'CASREACT'

SCREENING COMPLETE - 31623 REACTIONS TO VERIFY FROM 2037 DOCUMENTS

15.8% DONE 5000 VERIFIED 0 HIT RXNS

0 DOCS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.03

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED VERIFICATIONS: 621984 TO 642936

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3 ( 0 REACTIONS)

=> S L3 SSS FULL

FULL SEARCH INITIATED 14:09:07 FILE 'CASREACT'

SCREENING  
SCREENING

SCREENING COMPLETE - 604933 REACTIONS TO VERIFY FROM 39968 DOCUMENTS

50.2% DONE 303754 VERIFIED 0 HIT RXNS 0 DOCS

91.1% DONE 550884 VERIFIED 0 HIT RXNS 0 DOCS

100.0% DONE 604933 VERIFIED 6 HIT RXNS ( 2 INCOMP) 2 DOCS

SEARCH TIME: 00.01.18

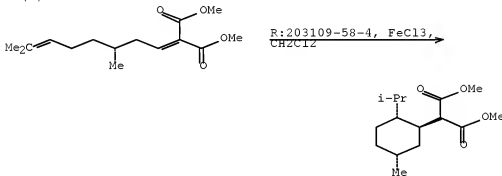
L5 2 SEA SSS FUL L3 ( 6 REACTIONS)

=> D L5 CRDREF ABS 1-2

L5 ANSWER 1 OF 2 CASREACT COPYRIGHT 2009 ACS on STN

RX(2) OF 3

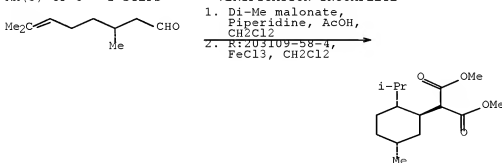
VERIFICATION INCOMPLETE



REF: Organic Syntheses, 71,, No pp. given; 1993  
NOTE: stereoselective, FeCl<sub>3</sub>, Al<sub>2</sub>O<sub>3</sub>, CH<sub>2</sub>Cl<sub>2</sub>, -78 C/2 h., (Under Ar),  
20 C/2 h., Yield 98%, Cyclisation, Intramolecular

RX(3) OF 3 - 2 STEPS

VERIFICATION INCOMPLETE



REF: Organic Syntheses, 71,, No pp. given; 1993  
NOTE: 1) 3A Molecular sieves, Piperidine, AcOH, 3 A Sieves, CH<sub>2</sub>Cl<sub>2</sub>, 20 C/2 h., C-Alkylation, Condensation, Olefination, 2) stereoselective, FeCl<sub>3</sub>, Al<sub>2</sub>O<sub>3</sub>, CH<sub>2</sub>Cl<sub>2</sub>, -78 C/2 h., (Under Ar), 20 C/2 h., Yield 98%, Cyclisation, Intramolecular

AB A review of the article Diastereoselective formation of trans-1,2-disubstituted cyclohexanes from alkylidenemalonates by an intramol. ene reaction: di-Me (1'R,2'R,5'R)-2-(2'-isopropenyl-5'- methylcyclohex-1'-yl)-propane-1,3-dioate.

L5 ANSWER 2 OF 2 CASREACT COPYRIGHT 2009 ACS on STN

RX(11) OF 15  
HO-(CH2)3-OMe  $\xrightarrow{\text{H2SO4, Water}}$  HO-CH2-CH2-CH2-OH

REF: PCT Int. Appl., 2005075392, 18 Aug 2005  
NOTE: optimization study, thermal  
CON: 10 hours, 190 deg C

RX(12) OF 15  
HO-(CH2)3-OMe  $\xrightarrow{\text{MeSO3H, Water}}$  HO-CH2-CH2-CH2-OH

REF: PCT Int. Appl., 75 pp.; 2005  
NOTE: thermal  
CON: 5 hours, 190 deg C

RX(13) OF 15  
HO-(CH2)3-OMe  $\xrightarrow{\text{TsOH, Water}}$  HO-CH2-CH2-CH2-OH

REF: PCT Int. Appl., 75 pp.; 2005  
NOTE: thermal  
CON: 5 hours, 190 deg C

RX(14) OF 15  
HO-(CH2)3-OMe  $\xrightarrow{\text{C:27176-87-0, Water}}$  HO-CH2-CH2-CH2-OH

REF: PCT Int. Appl., 75 pp.; 2005  
NOTE: thermal  
CON: 10 hours, 190 deg C

AB In the presence of a catalyst contg. at least one element selected from the group consisting of elements of the Group III, lanthanoid elements and actinide elements of the Periodic Table, an allyl alc. is reacted with an alc. compound A method for efficiently producing 3-alk(aryl)oxy-1-propanol in a single step using an alc. as a starting material is provided, and the 3-alk(aryl)oxy-1-propanol is useful for manufacture of 1,3-propanediol by acidic hydrolysis at  $\leq 200^\circ$ .

=> LOG HOLD

(FILE 'HOME' ENTERED AT 13:57:57 ON 19 MAY 2009)

FILE 'CASREACT' ENTERED AT 13:58:19 ON 19 MAY 2009

L1 STRUCTURE UPLOADED

D

L2 7 SEA FILE=CASREACT SSS SAM L1 ( 53 REACTIONS)

D L2  
D SCAN

FILE 'SINGUIDE' ENTERED AT 14:04:58 ON 19 MAY 2009

FILE 'CASREACT' ENTERED AT 14:08:15 ON 19 MAY 2009

L3 STRUCTURE UPLOADED

D

L4 0 SEA FILE=CASREACT SSS SAM L3 ( 0 REACTIONS)

L5 2 SEA FILE=CASREACT SSS FUL L3 ( 6 REACTIONS)

D L5 CRDREF ABS 1-2

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

138.43	147.34
--------	--------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

-1.56	-1.56
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SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:12:42 ON 19 MAY 2009 \_

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTATDH1621

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'CASREACT' AT 14:41:03 ON 19 MAY 2009

FILE 'CASREACT' ENTERED AT 14:41:03 ON 19 MAY 2009

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

138.91	147.82
--------	--------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

-1.56	-1.56
-------	-------

=> FILE CAPLUS  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
138.91	147.82

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.56	-1.56

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FILE COVERS 1907 - 19 May 2009 VOL 150 ISS 21  
FILE LAST UPDATED: 18 May 2009 (20090518/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate

=> S US4317945/PN  
L6 1 US4317945/PN

=> D 1

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 1982:6158 CAPLUS Full-text  
DN 96:6158  
OREF 96:1111a,1114a  
TI 2-Methyl-2-sec-butyl-1,3-propanediol  
IN Bernhagen, Wolfgang; Weber, Juergen; Bahrmann, Helmut; Springer, Helmut  
PA Ruhrchemie A.-G., Fed. Rep. Ger.  
SO Fr. Demande, 9 pp.  
CODEN: FRXXBL  
DT Patent  
LA French  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	FR 2463761	A1	19810227	FR 1980-17996	19800814
-	FR 2463761	B1	19840106		
	DE 2933919	A1	19810326	DE 1979-2933919	19790822
	DE 2933919	C2	19811008		
	DE 2933919	C3	19881222		
	JP 56030932	A	19810328	JP 1980-110458	19800813
	US 4317945	A	19820302	US 1980-178396	19800815 <--
PRAI	DE 1979-2933919	A	19790822		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SEL RN  
E1 THROUGH E10 ASSIGNED



=> FILE REGISTRY		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	4.09	151.91
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.56

FILE 'REGISTRY' ENTERED AT 14:42:05 ON 19 MAY 2009  
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STRUCTURE FILE UPDATES: 18 MAY 2009 HIGHEST RN 1147182-17-9  
 DICTIONARY FILE UPDATES: 18 MAY 2009 HIGHEST RN 1147182-17-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
 predicted properties as well as tags indicating availability of  
 experimental property data in the original document. For information  
 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> S E1-E10
  1 111-92-2/BI
    (111-92-2/RN)
  1 15877-57-3/BI
    (15877-57-3/RN)
  1 18543-19-6/BI
    (18543-19-6/RN)
  1 32749-94-3/BI
    (32749-94-3/RN)
  1 50-00-0/BI
    (50-00-0/RN)
  1 563-46-2/BI
    (563-46-2/RN)
  1 7440-05-3/BI
    (7440-05-3/RN)
  1 74580-49-7/BI
    (74580-49-7/RN)
  1 813-60-5/BI
    (813-60-5/RN)
  1 998-40-3/BI
    (998-40-3/RN)
L7 10 (111-92-2/BI OR 15877-57-3/BI OR 18543-19-6/BI OR 32749-94-3/BI
    OR 50-00-0/BI OR 563-46-2/BI OR 7440-05-3/BI OR 74580-49-7/BI
    OR 813-60-5/BI OR 998-40-3/BI)
```

=> D SCAN

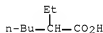
L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN Formaldehyde  
MF C H2 O  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

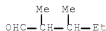
L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN Hexanoic acid, 2-ethyl-, rhodium salt (1:?)  
MF C8 H16 O2 . x Rh



● x Rh (x)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN Pentanal, 2,3-dimethyl-  
MF C7 H14 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

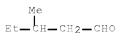
L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN Pentanal, 3-methyl-2-methylene-  
MF C7 H12 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN Pentanal, 3-methyl-  
MF C6 H12 O  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN Palladium  
MF Pd  
CI COM

Pd

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

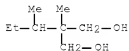
L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN Phosphine, tributyl-  
MF C12 H27 P  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

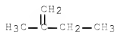
L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN 1,3-Propanediol, 2-methyl-2-(1-methylpropyl)-  
MF C8 H18 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN 1-Butene, 2-methyl-  
MF C5 H10  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L7 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN  
IN 1-Butanamine, N-butyl-  
MF C8 H19 N  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> FILE STNGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
1.92	153.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.56

FILE 'STNGUIDE' ENTERED AT 14:44:25 ON 19 MAY 2009  
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
 COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.  
 LAST RELOADED: May 15, 2009 (20090515/UP).

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

(FILE 'HOME' ENTERED AT 13:57:57 ON 19 MAY 2009)

FILE 'CASREACT' ENTERED AT 13:58:19 ON 19 MAY 2009

L1 STRUCTURE UPLOADED  
 D  
 L2 7 SEA FILE=CASREACT SSS SAM L1 ( 53 REACTIONS)  
 D L2  
 D SCAN

FILE 'STNGUIDE' ENTERED AT 14:04:58 ON 19 MAY 2009

FILE 'CASREACT' ENTERED AT 14:08:15 ON 19 MAY 2009

L3 STRUCTURE UPLOADED  
 D  
 L4 0 SEA FILE=CASREACT SSS SAM L3 ( 0 REACTIONS)  
 L5 2 SEA FILE=CASREACT SSS FUL L3 ( 6 REACTIONS)  
 D L5 CRDREF ABS 1-2

FILE 'CAPLUS' ENTERED AT 14:41:15 ON 19 MAY 2009

L6 1 SEA FILE=CAPLUS SPE=ON PLU=ON US4317945/PN  
 D 1  
 SEL RN

FILE 'REGISTRY' ENTERED AT 14:42:05 ON 19 MAY 2009

L7 10 SEA FILE=REGISTRY SPE=ON PLU=ON (111-92-2/BI OR 15877-57-3/BI  
 OR 18543-19-6/BI OR 32749-94-3/BI OR 50-00-0/BI OR 563-46-2/BI  
 OR 7440-05-3/BI OR 74580-49-7/BI OR 813-60-5/BI OR 998-40-3/BI  
 )  
 D SCAN

FILE 'STNGUIDE' ENTERED AT 14:44:25 ON 19 MAY 2009

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.75	155.58

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
--	------------------	---------------

	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.56

STN INTERNATIONAL LOGOFF AT 14:59:37 ON 19 MAY 2009